Miele
PROFESSIONAL

Operating and installation instructions for washer-extractor PW 5065

To avoid the risk of accidents or damage to the machine it is **essential** to read these instructions before it is installed and used for the first time.

en - GB

M.-Nr. 09 145 460

Caring for the environment

Disposal of the packing material

The transport and protective packing has been selected from materials which are environmentally friendly for disposal and should be recycled.

Ensure that any plastic wrappings, bags, etc. are disposed of safely and kept out of the reach of babies and young children. Danger of suffocation!

Disposal of your old machine

Electrical and electronic machines often contain materials which if handled or disposed of incorrectly, could be potentially hazardous to human health and to the environment. They are, however, essential for the correct functioning of your machine. Please do not therefore dispose of it with your household waste.

Please dispose of it at your local community waste collection / recycling centre or contact your dealer for advice. Ensure that it presents no danger to children while being stored for disposal.

Energy saving tips

Energy and water consumption

– Water consumption and energy usage are determined by the size of the load.
  To make the most out of your machine load the maximum dry load for the programme you are using.
– If smaller loads are washed using the *Cottons* programmes, the automatic load recognition system will reduce the amount of water, time and energy used.
– Use the *Quick wash* programme for small loads.

Detergent

– Do not exceed the amounts of detergent recommended by the manufacturer on the packaging.
– Reduce the amount of detergent for smaller loads.

When drying with a tumble dryer

Selecting the highest possible spin speed for the wash programme will save energy when drying in a tumble dryer afterwards.

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This machine conforms to current safety requirements. Inappropriate use can, however, lead to personal injury and damage to property.

To avoid the risk of accidents and damage to the machine, please read these instructions carefully before using it for the first time. They contain important information on its safety, use and maintenance.

Keep these instructions in a safe place and ensure that they are made available to new users. They must be made aware of these warning and safety instructions. Pass them on to any future users/ owners of the machine.

Correct application

Only use the machine to wash items which are specified by the manufacturer to be machine-washable on the wash-care label, and textiles composed of hand-washable wool or wool blend fabrics as well as satin, lace, silk and other hand-washable garments. Any other applications may be dangerous. The manufacturer cannot be held liable for damage resulting from incorrect or improper use of the machine.

▶ This machine must be used as described in these operating instructions and must be checked on a regular basis to make sure it is functioning correctly. Maintenance must be carried out when necessary.

▶ This machine is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience or knowledge, unless they have been shown how to use it correctly by a person responsible for their safety.

▶ This machine is not intended for outdoor use.

▶ Keep children away from the machine at all times. It is not a toy! To avoid the risk of injury do not allow children to play on or near it or to play with its controls. Supervise its use by the elderly or infirm, and supervise children whilst you are using it.

▶ It is the operator's responsiblity to ensure that the standard of disinfection in thermal as well as chemo thermal procedures is maintained (in accordance with local authority regulations) by carrying out suitable validation tests. Disinfection programmes must not be interrupted, as this can have a limiting effect on the disinfection result.

Technical safety

▶ Before setting up the machine, check it for any externally visible damage.
Do not install or use a damaged machine.

▶ The electrical safety of this machine can only be guaranteed when correctly earthed. It is most important that this basic safety requirement is observed and regularly tested, and where there is any doubt the on-site wiring system should be inspected by a qualified electrician. The manufacturer cannot be held liable for the consequences of an inadequate earthing system (e.g. electric shock).

▶ Unauthorised repairs could result in unforeseen dangers for the user, for which Miele cannot accept liability. Repairs should only be undertaken by a Miele approved service technician. If this is not done, any resultant damage will not be covered by the guarantee. Ensure current is not supplied to the machine until after maintenance or repair work has been carried out.

▶ Do not make any alterations to the machine, unless authorised to do so by Miele.

▶ In the event of a fault or for cleaning purposes, the machine is only completely isolated from the electricity supply when:

– it is switched off at the wall socket and the plug is withdrawn, or
– it is switched off at the isolator switch, or
– it is switched off at the mains, or
– the mains fuse has been withdrawn, or the screw-out fuse is removed (in countries where this is applicable).

▶ This machine must only be connected to the on-site water supply using a new hose kit. Old hoses must not be re-used. Check the hose regularly for signs of wear. Change in good time to avoid the risk of leaks and subsequent damage.

▶ Faulty components must only be replaced by genuine Miele original spare parts. Only when these parts are fitted can the safety standards of the machine be guaranteed.

▶ Do not connect the machine to the mains electricity supply by an extension lead or a multi-socket unit. These do not guarantee the required safety of the machine (e.g. danger or overheating).

▶ If this machine is being used in a commercial environment please ensure that all relevant health and safety regulations are obeyed.

▶ This machine must not be used in a non-stationary location (e.g. on a ship).

▶ In areas which may be subject to infestation by cockroaches or other vermin, pay particular attention to keeping the machine and its surroundings in a clean condition at all times. Any damage which may be caused by cockroaches or other vermin will not be covered by the guarantee.

Correct use

▶ Do not install your machine in rooms where temperatures below freezing may occur. Frozen hoses may burst or split. The reliability of the electronic control unit may be impaired at temperatures below freezing point.

▶ Before using the machine for the first time, check that the transit bars at the rear of the machine have been removed (see section on "Installation and connection"). During spinning, a transit bar which is still in place may result in damage to both the machine and adjacent furniture or appliances.

▶ Turn off the stopcock if the machine is to be left for any length of time (e.g. holiday), especially if there is no floor drain (gully) in the immediate vicinity.

▶ Flooding danger.
If hooking the drain hose into a wash basin, check that the water can drain off quickly enough to prevent the sink from overflowing. Make sure the drain hose is secure, so that the force of the water flowing out of the hose does not dislodge it.

▶ Take care to ensure that foreign objects (e.g. nails, pins, coins, paper clips) do not find their way into the machine with the laundry. These may damage components of the machine (e.g. suds container, drum), which in turn can result in damage to the laundry.

▶ If the correct amount of detergent is dispensed, the machine should not need to be descaled. If, however, you do wish to descale the machine only use proprietary non-corrosive descaling agents and strictly observe the instructions on the packaging. A special descaling agent is available to order from your Miele Dealer or the Miele Spare Parts Department.

▶ Textiles which have been pre-treated in solvent based cleaning agents must be thoroughly rinsed in clean water before being washed in the machine.

▶ Never use solvent based cleaning agents, e.g. those containing benzine, in this machine, as this may result in damage to component parts and create toxic fumes. Such agents also pose a fire and explosion hazard.

▶ Benzine, petrol, paraffin, or any easily flammable liquid must not be stored or used near the machine. Fire and explosion risk!

▶ Only use dyes specified by the manufacturer as being suitable for use in a washing machine. Always observe the manufacturer's instructions carefully.

▶ Colour run and dye removers contain sulphur compounds which can cause damage such as corrosion. Do not use these products in this machine.

▶ Avoid contact of stainless steel surfaces (front, lid, casing) with liquid cleaning and disinfecting agents which contain chlorine or sodium hypochlorite. These agents can have a corrosive effect on stainless steel. Aggressive vapours containing chlorine bleach can also be corrosive. Do not store open containers of these agents near the machine.

▶ Do not use a high pressure cleaner or hose to clean the machine.

▶ It is particularly important to observe the manufacturer's instructions when using a combination of cleaning agents and special application products. Products must only be used for applications approved by the manufacturer to avoid any material damage or the occurrence of strong chemical reactions

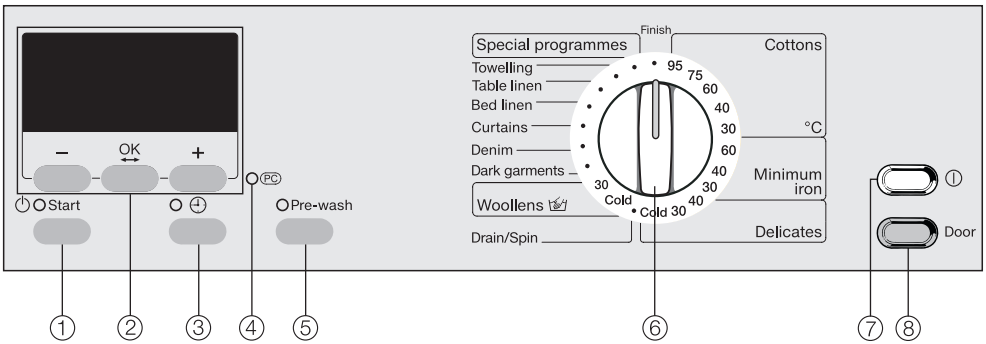
Accessories

▶ Accessory parts may only be fitted when expressly approved by Miele. If other parts are used, guarantee, performance and product liability claims will be invalidated.

Miele cannot be held liable for damage caused by non-compliance with these Warning and Safety instructions.

Operating the washer-extractor

Control panel



① ***Start* button**
Starts the selected programme.

② **Display with –, *OK* and + buttons**
See the following pages for more information.

③ **button**
For selecting delay start.

④ **PC/Optical interface**
This is used by service technicians to run diagnostic checks on your machine and can also be used to update programming data in the future.

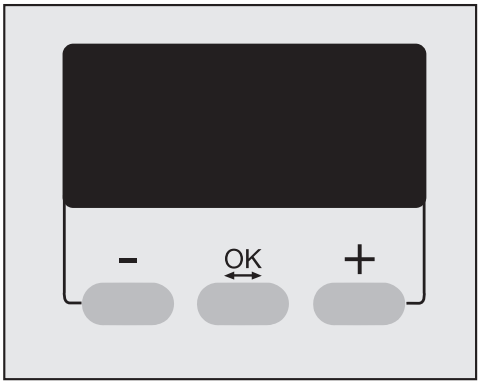
⑤ ***Pre-wash* button** with indicator light

⑥ **Programme selector**
For selecting a programme. The programme selector can be turned clockwise or anti-clockwise.

⑦ ***On-Off* button**
To save energy, the machine will switch itself off automatically 15 minutes after the end of the programme/anti-crease phase or after being switched on, if no other selection is made.

⑧ ***Door* button**
Opens the machine door.

Display



– / + buttons
For altering the values highlighted in the display:
– decreases the value or moves the highlighting upwards
+ increases the value or moves the highlighting downwards.

OK button
For confirming the value selected and choosing the next value.

The following are selected via the display:

– special programmes

– final spin speed

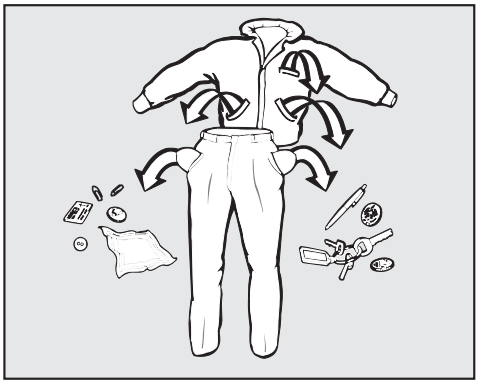
– the temperatures for some programmes

– delay start

The display also shows the duration of the programmes and the current time of day.

The *Settings* menu is also operated via the display.

1. Sort the laundry



- Empty all pockets.

⚠ Foreign objects (e.g. nails, coins, paper clips, etc.) can cause damage to textiles and to components in the machine.

Removing marks

- Badly soiled areas, stains etc. should be cleaned as soon as possible, preferably whilst still fresh. Spillages should be carefully dabbed off using a soft, colourfast cloth. Do not rub.

Badly soiled areas can be pre-treated with liquid detergent, stain removers etc. first, following the manufacturer's instructions. With particularly stubborn stains ask your dry cleaner for advice.

⚠ Do not use solvent-based cleaning agents in this machine.

Sorting laundry

- Sort the laundry by colour and by care label. Most garments have a textile care label in the collar or side seam.

Dark textiles often contain excess dye and should be washed separately several times before being included in a mixed load. Always wash whites and coloureds separately.

General tips

– Curtains: Remove lead weights first or place in a laundry bag.

– Underwiring and collar stiffeners: Any loose wiring in bras, shirt collar stiffeners, etc. should be removed or sewn in.

– Knitted garments, trousers and jeans, T-shirts and sweat shirts: Turn inside out, if recommended by the manufacturer.

– Close any zips, fasten hooks and eyes etc before washing.

– Fasten duvet covers, pillow cases etc. to prevent small items from being rolled up inside them.

– Further tips can be found under "Programme chart".

Do not wash any items in this machine which are specified by the manufacturer as **not washable** on the care label (⊠ symbol).

2. Load the drum

■ Switch the machine on with the On/ Off button ⏻.

The interior drum lighting will come on.

■ Press the *Door* button and open the drum door.

■ Unfold the laundry and load loosely into the drum. Mixing both large and small items gives better wash results and also helps distribute the load evenly during spinning.

The most efficient use of energy and water is achieved when a full load is washed. However, do not overload as this causes creases and reduces cleaning efficiency.

■ Shut the door with a gentle swing.

⚠ Make sure that no items are caught between the door and the drum.

3. Select a programme

■ Select the most appropriate programme for the load being washed (see "Programme chart").

Payment system

If your machine is connected to a payment system, the amount of payment required will appear in the display.

Credit will be lost if, after the programme has started, the door is opened or the programme cancelled.

Garment care label symbols

Washing	
The figure quoted in the bucket is the maximum temperature the garment can be washed at. The number of bars under the symbol indicates the level of agitation permitted.	
	No bar under the symbol: = normal agitation
	One bar under the symbol: = reduced agitation
	Two bars under the symbol: = much reduced agitation
	Hand wash (if no temperature is specified, use the lowest temperature or cold)
	Do not wash

Drying	
The number of dots indicates the drying temperature	
	Normal temperature
	Low temperature
	Do not tumble dry

Ironing	
The number of dots indicates the ironing temperature	
	approx. 200°C
	approx. 150°C
	approx. 110°C
	Do not iron

Professional cleaning	
	Dry clean only. The letters indicate the type of cleaning agent required.
	Professional Wet Clean only
	Do not dry clean

Bleaching	
	Any oxidising bleaching agent can be used
	Only use an oxygen based bleach or a non-chlorine bleach
	Do not bleach

⚠ It is very important to read the "Notes and tips on laundry care" section before proceeding.

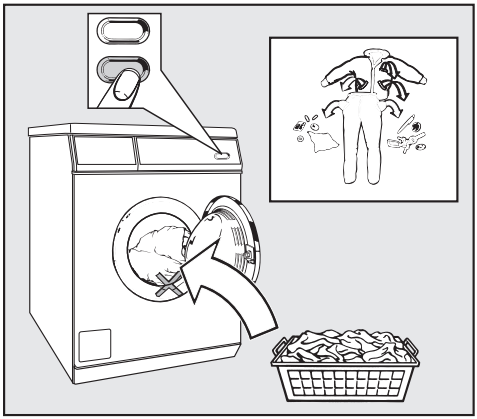
⚠ Make sure that no items are caught between the drum door and seal.

❶ Sort the laundry

❷ Load the drum

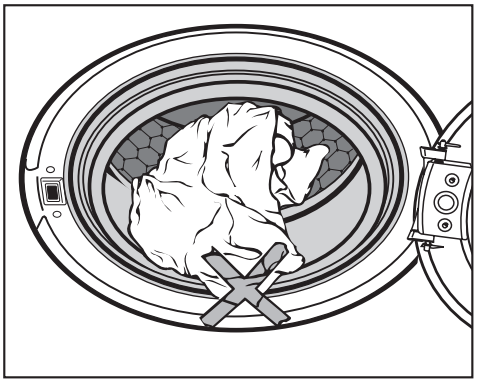
■ Switch on the machine.

The interior drum lighting will come on.



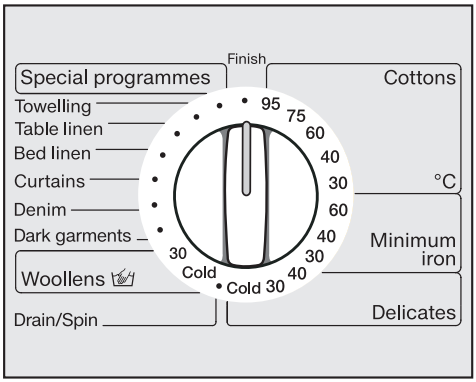
■ Open the drum door.

■ Unfold the laundry and load loosely into the drum.



■ Shut the door with a gentle swing.

❸ Select a programme



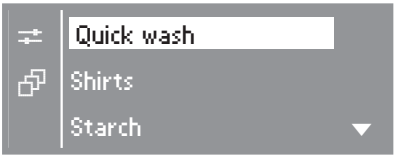
- The wash programmes and temperatures are selected with the programme selector.

The programme selected will appear in the display.

The display will then switch to show the menu for the programme selected.

- You can then alter the spin speed which is shown highlighted with the **–** or **+** buttons. Confirm your selection by pressing the *OK* button. For some programmes you can also alter the temperature with **–** or **+**.

When you turn the programme selector to *Special programmes*, these will appear in the display.



- Use the **–** or **+** button to highlight the programme you wish to select and confirm your selection by pressing the *OK* button.

The display will switch to show the menu for the programme selected.

- You can then alter the temperature which is shown highlighted with the **–** or **+** buttons. Press the **OK** button to confirm the temperature. The spin speed will then be highlighted and you can change and confirm this in the same way you did the temperature.

Pre-wash

- Select the Pre-wash additional option for laundry with large amounts of dirt, e.g. dust, sand.
  Pre-wash is not available for using with every programme.

Delay start

- Select Delay start, if required (see "Delay start").

❹ Add detergent

Take the level of soiling and water hardness into account when determining the amount of detergent to dispense.

Too little detergent results in:

– Laundry not getting properly clean, and with time maybe becoming grey and hard to the touch.

– Greasy particles clinging to laundry.

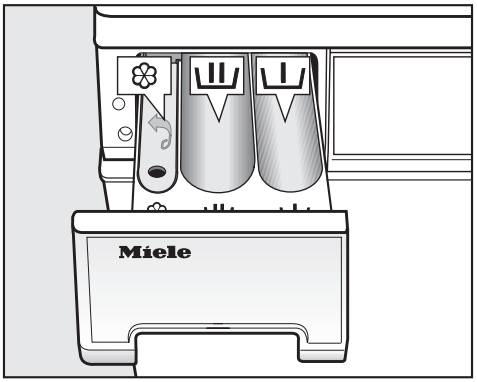
– Limescale deposits on the heater elements.

Too much detergent results in:

– Excessive foam which causes a low level of agitation and poor wash, rinse and spin results.

– A burden to the environment.

See "Detergent" for further information.



■ Pull out the detergent drawer and add detergent to the compartments as follows:

I = Detergent for the pre-wash ($^1/_4$ of the total amount recommended).

II = Detergent for the main wash

❀ = Fabric conditioner or liquid starch

■ Close the detergent drawer.

The ❀ compartment is not used during Disinfection programmes. Do not put anything in it.

This machine can be connected to an external dispensing system for dispensing liquid agents (see "Detergent - External dispensing system").

❺ Start the programme

The *Start* button will flash as soon as a programme can be started.

■ Press the *Start* button.

The *Start* button will now light up.

The drum lighting switches off once the programme has started.

If delay start has not been selected, the estimated programme duration will appear in the display. This will count down in one minute steps. During the first 10 minutes the machine measures how much water is being absorbed by the laundry. The programme duration may be shorter depending on this absorbency rate.

The programme sequence is also shown in the display. The machine lets you know which section of the programme has been reached.

❻ Unload the drum

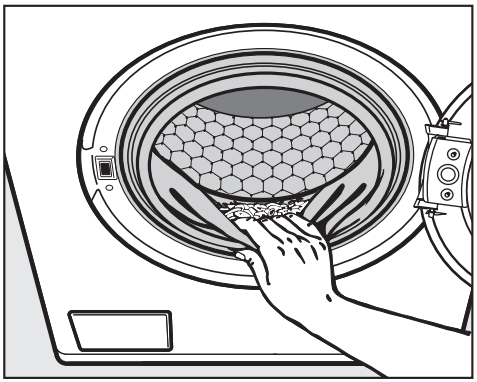
If the laundry is not removed immediately the programme has finished, the anti-crease phase will begin and the drum will turn at intervals to help prevent creasing.

The machine will switch off automatically 15 minutes after the end of the anti-crease phase. You will need to press the ⏻ button to switch it back on again.

■ Press the *Door* button to open the drum door.

■ Remove the laundry.

Check that all items have been removed from the drum. Items left in the drum could discolour other items in the next wash or become discoloured themselves.



■ Check the folds in the door seal for any small articles, e.g. buttons, which might be lodged there.

■ Turn the programme selector to *Finish*.

■ Close the drum door. Otherwise there is the danger of objects being placed inadvertently in the drum. If these remained unnoticed and were washed in the next load, they could damage the laundry.

■ Switch the machine off with the ⏻ button.

Maximum final spin speed

Programme	rpm
Cottons	1400
Minimum iron	1000
Delicates	600
Towelling	1400
Table linen	1200
Bed linen	1200
Curtains	600
Denim	1000
Dark garments	1200
Woollens	1200
Quick wash	1400
Shirts	600
Starch	1200
Pillows	1400
Outerwear	900
Proofing	800
Separate rinse	1400
Drain / Spin	1400
Intensive wash	1400
Flour	1400
Flour +	1400
Grease and fat	1400
Grease and fat +	1400
Towels	1400
Towels +	1400
Capes	600
Thermal disinfection15min	1400
Chem. Therm. Dis. 20min	1400

You can reduce the final spin speed. However, you cannot select a final spin speed higher than that shown in the chart above.

Rinse and interim spin

There is a spin after the main wash and between the rinses. A reduction in the final spin speed will also reduce the interim spin speed.

To omit the final spin (Rinse hold)

- Select the *Rinse hold* setting. The laundry will not be spun and will remain suspended in the final rinse water. This reduces creasing if the laundry is not going to be removed from the drum immediately after the end of the programme.

– To start the final spin:

  The machine will display the maximum spin speed possible. You can select a spin speed lower than this. Start the final spin by pressing the *Start* button.

– To end the programme:

  Press the *Door* button. The water will drain away. Press the *Door* button again to open the door.

To omit the spin between rinses and the final spin

- Select the *Without spin* setting. The laundry is not spun after the final rinse. The water will drain away and the machine will go straight into the anti-crease stage.

Programme chart

Basic programmes

Cottons	**30°C to 95°C**	**Max. load 6.5 kg**
Use for	Cotton, linen or mixed fibre fabrics.	
Note	– Only use Cottons 95°C for very heavily soiled laundry. – For dark coloured fabrics use a detergent for coloured fabrics, or liquid detergent.	
Additional option	Pre-wash	
Detergent	Universal detergent or detergent for coloured fabrics	
Minimum iron	**30°C to 60°C**	**Max. load 3.5 kg**
Use for	Synthetic, mixed fibre and easy care cotton fabrics.	
Additional option	Pre-wash	
Detergent	Universal detergent or detergent for coloured fabrics	
Delicates	**cold to 40°C**	**Max. load 2.5 kg**
Use for	Delicate, synthetic, mixed fibre, rayon and easy care cotton garments.	
Note	Use the woollens programme for any textiles which contain wool.	
Additional option	Pre-wash	
Detergent	Liquid detergent for delicates	
Towelling	**40°C to 60°C**	**Max. load 5.5 kg**
Note	For dark coloured fabrics use a detergent for coloured fabrics.	
Additional option	Pre-wash	
Detergent	Universal detergent	
Table linen	**60°C to 75°C**	**Max. load 3.5 kg**
Use for	Cotton, linen and mixed fibre table linen, such as tablecloths and napkins.	
Note	Select *Pre-wash* for stubborn soiling. Use a detergent containing enzymes for the pre-wash.	
Additional option	Pre-wash	
Detergent	Universal detergent	

Bed linen	**40°C to 60°C**	**Max. load 6.5 kg**
Use for	Cotton and mixed fibre bed linen.	
Note	For dark coloured fabrics use a detergent for coloured fabrics.	
Additional option	Pre-wash	
Detergent	Universal detergent and detergent for coloured fabrics	
Curtains	**cold to 40°C**	**Max. load 3.0 kg**
Use for	Curtains, including net curtains, specified as machine-washable by the manufacturer.	
Note	Select *Without spin* for curtains which crease easily.	
Additional option	Pre-wash	
Detergent	Universal detergent, powder detergent for coloured fabrics or special detergent for curtains	
Denim	**cold to 40°C**	**Max. load 3.5 kg**
Note	– Wash denim inside out. – Denim often contains excess dye and may run during the first few washes. Wash light and dark coloured items separately.	
Detergent	Liquid detergent for coloured fabrics	
Dark garments	**cold to 40°C**	**Max. load 3.5 kg**
Use for	Dark garments made from cotton or mixed fibres.	
Note	Wash inside out.	
Detergent	Liquid detergent for coloured fabrics	
Woollens	**cold to 30°C**	**Max. load 2.5 kg**
Use for	Machine-washable or hand-washable wool or wool blend fabrics.	
Detergent	Liquid detergent for machine-washable woollens	
Drain / Spin		**Max. load 6.5 kg**
Note	Drain only: Select *Without spin*. For spinning fabrics. Please make sure you select the appropriate spin speed.	

Programme chart

Special programmes

The list of special programmes varies depending on the setting (see *Special programmes* in the "Settings/Supervisor level" menu).

Quick wash	**40°C**	**Max. load 3.5 kg**
Use for	Very lightly soiled fabrics which can be washed in a *Cottons* programme.	
Detergent	Universal detergent or detergent for coloured fabrics	
Shirts	**40°C to 60°C**	**Max. load 2.5 kg**
Use for	Shirts and blouses	
Note	– Pre-treat collars and cuffs if necessary.	
Detergent	Universal detergent or detergent for coloured fabrics	
Starch		**Max. load 3.5 kg**
Note	The laundry (table cloths, napkins, overalls) should be washed but not treated with fabric conditioner.	
Starching agent	Liquid starch, starch formulations, viscous liquid starch	
Pillows	**40°C to 95°C**	**2 pillows (40 x 80 cm) or 1 pillow (80 x 80 cm)**
Use for	Pillows with feather, down or synthetic fillings.	
Note	– Please observe the instructions on the wash care label. – Use a liquid detergent.	
Detergent	Universal detergent or detergent for coloured fabrics	
Outerwear	**cold to 40°C**	**Max. load 3.0 kg**
Use for	Microfibre outerwear, such as Gore-Tex®, SYMPATEX®, WINDSTOPPER® etc.	
Note	– Zip up jackets before washing. – Do not use fabric conditioner.	
Detergent	Liquid detergent for delicates	

Proofing	**30°C to 40°C**	**Max. load 3.0 kg**
Use for	Treating microfibre fabrics, ski wear, fine closeweave cotton garments (poplin) or tablecloths with a water and dirt resistant finish.	
Note	– The items should be colour sorted and freshly laundered and spun or dried before proofing. – For best results, they should be heat-treated afterwards, either in a tumble dryer or by ironing.	
Proofing agents	– Only use proofing agents containing fluorochemical compounds which are stated by the manufacturer as being "suitable for use on membrane textiles". **Do not use** proofing agents which contain paraffin. – Add proofing agents to the fabric conditioner compartment ❀.	
Separate rinse		**Max. load 6.5 kg**
Use for	Articles which have been washed by hand and only need to be rinsed and spun in the machine.	
Intensive wash*	**40°C to 95°C**	**Max. load 6.5 kg**
Use for	Heavily soiled cotton, linen and mixed fibre fabrics.	
Additional option	Pre-wash	
Detergent	Universal detergent or detergent for coloured fabrics	

Note for test institutes: Standard programme in accordance with EN 60456

*To carry out a wash on the standard programme in accordance with EN 60456, the *Intensive wash* programme must be selected. The *Cold* option must be selected for the *Main wash water* and *Rinse water* settings.

Programme chart

Hygiene		**No laundry**
Hygiene will appear in the display if the last programme selected used a temperature below 60°C or if the *Spin* programme is selected.		
To select the Hygiene programme: – do not put any laundry into the drum, add a little detergent to compartment and start the programme, **or** – Select a wash programme with a temperature higher than 60°C. If you ignore this advice, the next programme will run as usual, and the *Hygiene* instruction will appear in the display again at the end of the programme.		
Flour **Flour +**	**40°C to 95°C** **40°C to 95°C**	**Max. load 6.5 kg**
Use for	Overalls, jackets, hats and cloths made from cotton or mixed fibres.	
Note	– Pre-washing will help to remove coarse soiling. – Use a detergent with enzymes for the pre-wash. – Select the *Flour +* programme for heavy soiling.	
Additional option	Pre-wash	
Detergent	Universal detergent	
Grease and fat **Grease and fat +**	**40°C to 80°C** **60°C to 95°C**	**Max. load 6.5 kg**
Use for	Overalls, jackets, hats and cloths made from cotton or mixed fibres.	
Note	– Pre-washing will help to remove coarse soiling. – Use a detergent with enzymes for the pre-wash. – Select the *Grease and fat +* programme for heavy soiling, and use a specialist liquid detergent.	
Additional option	Pre-wash	
Detergent	Universal detergent	

Towels	**40°C**	**Max. load 5.5 kg**
Use for	Lightly soiled cotton towelling.	
Note	For dark coloured fabrics use a detergent for coloured fabrics.	
Detergent	Universal detergent	
Towels +	**40°C to 60°C**	**Max. load 5.5 kg**
Use for	Heavily soiled cotton towelling.	
Note	For dark coloured fabrics use a detergent for coloured fabrics.	
Additional option	Pre-wash	
Detergent	Universal detergent	
Capes	**30°C**	**Max. load 2.0 kg**
Use for	Lightly soiled capes made from synthetic fibres	
Detergent	Liquid detergent for delicates	
Thermal disinfection	**15min 85°C**	**Max. load 6.5 kg**
Use for	Cotton, linen and mixed fibre fabrics.	
Additional option	Pre-wash	
Detergent	Specially formulated detergent (containing bleach)	
Chem. Therm. Dis.	**20min 60°C**	**Max. load 6.5 kg**
(Chemo thermal disinfection)		
Use for	Workwear or items requiring disinfection, which are suitable for the disinfection process. Sort according to colour.	
Additional option	Pre-wash	
Detergent	An approved disinfecting agent.	

Programme sequence

	Main wash		Rinses		Spinning	
	Water level	Wash rhythm	Water level	Rinses	Interim spin	Final spin
Cottons		Ⓐ		2	✓	✓
Minimum iron		Ⓐ		2	✓	✓
Delicates		Ⓑ		2	–	✓
Towelling		Ⓐ		2	✓	✓
Table linen		Ⓐ		2	✓	✓
Bed linen		Ⓐ		2	✓	✓
Curtains[1)]		Ⓐ		3	–	✓
Denim		Ⓐ		3	–	✓
Dark garments		Ⓐ		3	✓	✓
Woollens		Ⓒ		2	✓	✓
Quick wash		Ⓐ		2	✓	✓
Shirts		Ⓐ		2	–	✓
Starch	–	–		1	–	✓
Pillows[2)]		Ⓐ		3	–	✓
Outerwear		Ⓑ		3	✓[3)]	✓
Proofing	–	–		1	✓	✓
Separate rinse	–	–		2	–	✓
Intensive wash		Ⓐ		2	✓	✓
Flour[1)]		Ⓐ		2-3[4)]	✓	✓
Grease and fat[1)]		Ⓐ		3	✓	✓
Towels		Ⓐ		2	✓	✓
Capes		Ⓑ		2	–	✓
Thermal disinfection		Ⓐ		2	✓	✓
Chem. Therm. Dis.		Ⓐ		2	✓	✓

See the following pages for the meanings of the symbols and more information about the programme sequences.

Symbols:

= Low water level
= Medium water level
= High water level

Ⓐ = Normal wash rhythm
Ⓑ = Gentle action
Ⓒ = Woollens

This machine has fully electronic controls with automatic load recognition. It takes in the right amount of water required for the programme depending on the amount of laundry and its absorbency rate. This means that programme cycles and durations can vary.

The programme sequences outlined in the chart are based on the basic programme with a full load. Extra options which can be selected have not been taken into account.

The display shows the stage the programme has reached.

Special features in the programme sequences:

Anti-crease:

At the end of the programme, the drum continues to turn at intervals for up to 30 minutes to help prevent creasing. The door can be opened and items removed at any time during the anti-crease phase. Exception: Anti-crease does not operate on the *Woollens* programme.

1) Pre-rinse: A pre-rinse without detergent is carried out automatically to remove dust.

2) Run-up to spin: A run-up to spin is carried out before the wash process begins to deflate the pillows. Subsequent water intake for the main wash is through compartment .

3) In the *Outerwear* programme, laundry is only spun after the main wash.

4) A third rinse is carried out in the *Flour* + programme.

If your machine is fitted with a payment system, the programme will lock after 3 minutes and it is then no longer possible to cancel or alter it.

To cancel a programme

You can cancel a programme at any time after it has started.

- Turn the programme selector to *Finish*.

The suds will be pumped away and the programme is cancelled.

- Press the *Door* button.
- Remove the laundry

  or

- Close the door and start a different programme.

To interrupt a programme

- Switch the machine off with the ⏻ button.

To continue with the same programme:

- Switch the washing machine back on again with the ⏻ button.
- Confirm the message shown in the display, and then press the *Start* button.

To alter a programme

To alter a wash programme

After the start of a programme it is not possible to select a different programme.

You will need to cancel the current programme before you can select a new one.

To alter the temperature

With some programmes it is possible to select a different temperature up to 5 minutes after the programme has started.

- Press the **OK** button to highlight the temperature. You can use the **+** or **–** button to alter the temperature. Confirm with **OK**.

To alter the spin speed

- Press the **OK** button repeatedly until the spin speed is highlighted. You can use the **–** and **+** buttons to change the spin speed up until the final spin begins.

Pre-wash

It is not possible to select or de-select *Pre-wash*

Adding or removing laundry after a programme has started

In some programmes you can add or remove laundry after the programme has started:

- Press the *Door* button to open the drum door.
- Add or remove items.
- Close the drum door.

The programme will continue automatically.

Please note:

Once a programme has started the machine cannot recognise any adjustment to the load.

For this reason, if laundry is added or removed after the start of a programme, the machine will always complete the programme cycle assuming a full load which can lead to an increase in the programme duration shown in the display.

The door cannot be opened if:

– the suds temperature is above **50°C**.

– the water is above a certain level.

– the programme has reached the *Final spin* stage.

You will not be able to change or cancel the programme or open the door if:

– a Disinfection programme is running.

– the programme is locked because the machine is fitted with a payment system.

Detergent

All modern detergents produced for automatic washing machines are suitable, including liquid, compact (concentrated), tablets and special application detergents. Use dispensing aids, e.g. balls, if these are supplied with the detergent. Tablets are suitable for full loads but note that it may be impractical to reduce tablets by proportion to suit smaller loads. Some tablets do not dissolve as rapidly as others and may not be suitable for programmes with short durations.

Woollens and knitwear containing wool mixtures and hand-washable garments should be washed using a detergent specifically designed for washing woollens.

Instructions for use and recommended amounts for a full load are given on the detergent packaging.

Liquid detergent should be dispensed using a ball provided by the manufacturer for programmes without a pre-wash.

When using liquid detergent for programmes with a pre-wash you will need to purchase a special container from the Miele Spare Parts Department which sits in the main wash compartment II of the detergent dispenser drawer. Add liquid detergent to this container for the main wash and to compartment I for the pre-wash.

The right amount to dispense will depend on the following:

– The soiling level of the laundry

  Lightly soiled No visible dirt or stains. Possibly slight body odour.

  Normally soiled Visibly dirty and/or just a few slight stains.

  Heavily soiled Stains and soiling clearly visible.

– The water hardness level. Check with your local water supplier if you do not know the hardness level in your area.

– The quantity of the laundry (add the recommended amount of detergent).

Water softeners

A water softener can be used to cut down on the use of detergents in hard water areas. Dispense according to the amount specified on the packaging. First add detergent and then the water softener.

Use a quantity of detergent as for soft water.

Washing with several components

If you wash using several components (e.g. special application detergents), we recommend always dispensing the agents into compartment III in the following order:

1. Detergent
2. Water softeners
3. Stain remover

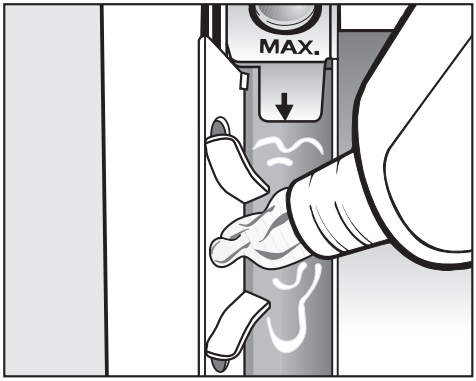
This way the agents are distributed more evenly.

Fabric conditioner or liquid starch

Fabric conditioners make garments soft to handle and help prevent static cling when tumble drying.
Starch stiffens and gives body to items of laundry, e.g. shirts, tablecloths and bed linen.

- Dispense according to the amount specified on the packaging.

Automatic dispensing of fabric conditioner or liquid starch to laundry at the end of a programme



- Add the fabric conditioner or liquid starch to compartment ❀. **Do not exceed the maximum level mark.**

It will be automatically dispensed in the last rinse. At the end of the programme a small amount of water remains in the fabric conditioner compartment ❀.

If starching frequently, thoroughly clean the dispenser compartment, especially the siphon tube and fabric conditioner channel, regularly. See "Cleaning the detergent dispenser drawer". Do not use powder starch formulations or viscous liquid starch in the ❀ compartment as it will clog up. See below.

Adding fabric conditioner or liquid starch separately

- Add fabric conditioner or liquid starch to compartment ❀.
- Select the *Separate rinse* programme.
- Press the *Start* button.

Adding starch separately

- Prepare the starch solution in accordance with manufacturer's instructions on the packaging.
- Add the starch to compartment II.
- Select the *Starch* programme.
- Press the *Start* button.

Colour run and dye removers/ dyes

- Do not use colour run or dye removers in this machine.
- Dyes suitable for use in a washing machine can be used. However, please note that the salt used in the dyeing process can cause corrosion to stainless steel components in the machine if you dye frequently. Always observe the manufacturer's instructions carefully.